

(43) Application published 10 Jun 1987

(22) Date of filing 22 Nov 1985

(72) Inventors
**Christopher Francis Higgins,
Noel Henry Smith**

(51) INT CL⁴
C12N 15/00

(52) Domestic classification (Edition I)
C3H 428 640 650 653 B7V

(56) Documents cited
GB A2120255
EMBO J. (1984) Vol.3 (No 6) pages 1417-1421
CELL (1984) Vol. 37 pages 1015-1026
NATURE (1982) Vol 298 pages 790-762

(58) Field of search
C3H
Selected US specifications from IPC sub-class C12N

(57) The method comprises utilising recombinant DNA having a REP sequence immediately downstream (3') of the DNA encoding sequence corresponding to the said mRNA sequence.

“REP sequence” means a Repetitive Extragenic Palindromic sequence of approximately 30 to 50 nucleotides, which tends to form a stem loop having stem portions in palindromic relationship, and conforming to the consensus sequence shown in Figure 1 or at least 75% homologous therewith.

Plasmids comprising the REP sequence from the Histidine transport operon of *Salmonella typhimurium* are disclosed.

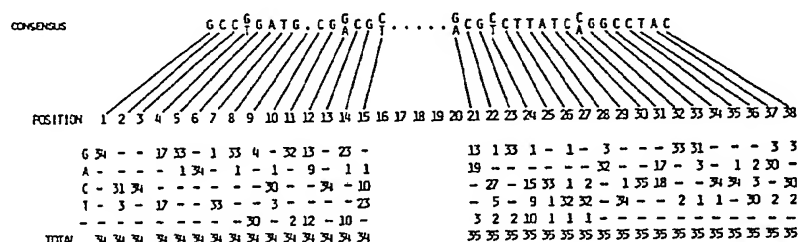


FIGURE 1(b)

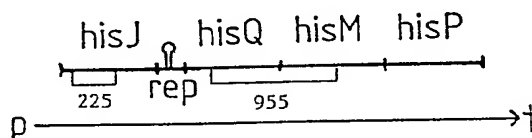


FIGURE 2